

DATA EVALUATION RECORD

INDOLE (Bull Run Fly Attractant)

STUDY TYPE: Waiver Requests

Aquatic Invertebrate Acute Toxicity (OPPTS 850.1010)
Fish Acute Toxicity (OPPTS 850.1075)
Avian Acute Oral Toxicity (OPPTS 850.2100)
Avian Dietary Toxicity (OPPTS 850.2200)
Seeding Emergence (OPPTS 850.4100)
Vegetative Vigor (OPPTS 850.4150)
Nontarget Insect Testing (OPPTS 880.4350)

MRID 47396920

Prepared for
Biopesticides and Pollution Prevention Division
Office of Pesticide Programs
U.S. Environmental Protection Agency
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Prepared by
Toxicology and Hazard Assessment Group
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Oak Ridge National Laboratory
Oak Ridge, TN 37830
Task Order No. 08-031

Primary Reviewer:
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Date: JUL 27 2008

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Date: JUL 27 2008

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Signature: J. A. Wilson
Date: JUL 27 2008

Disclaimer

This review may have been altered subsequent to the contractor's signatures above.

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EPA Secondary Reviewer:

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MRID NO:	47396920
DECISION NO:	392213
DP BARCODE:	DP353134
TEST MATERIAL:	Indole
PROJECT STUDY NO:	Not applicable
SPONSOR:	Bull Run Scientific, VBT, 7400 Beaufont Springs Drive, Suite 300, Richmond, VA 23225-5519
TESTING FACILITY:	Not applicable
TITLE OF REPORT:	Indole: Effects on Non-Target Organisms
AUTHOR:	Smith, C.A.
STUDY COMPLETED:	April 2, 2008
CONFIDENTIALITY CLAIMS:	None
GOOD LABORATORY PRACTICE:	A signed and dated GLP statement was included. The study is descriptive in nature, and not subject to the requirements of 40 CFR Part 160.
CONCLUSION:	The information provided is sufficient to support the requested waiver for Nontarget Insect Testing for indole. The registrant needs to more specifically address why waivers should be granted for Aquatic Invertebrate Acute Toxicity, Fish Acute Toxicity, Avian Acute Oral Toxicity, Avian Dietary Toxicity, Seeding Emergence, and Vegetative Vigor.

Test Material

Indole (present in Bull Run Fly Attractant at 0.2% w/w).

Product Description

Bull Run Fly Attractant is an end use product to be used as an attractant for "filth flies" such as house flies, blow flies, bottle flies, lesser house flies, cluster flies, lance flies, secondary screwworm flies, flesh flies, and false stable flies. The product is composed of a fly attractant mix (97.3% w/w) in a [REDACTED]

Indole is present in the product at a concentration of 0.2%. The pouch of attractant is contained in a disposable or reusable trap that is filled with the appropriate amount of water and hung in the treatment area.

Waiver Request

The registrant is requesting waivers for the following requirements:

Aquatic Invertebrate Acute Toxicity	(OPPTS 850.1010)
Fish Acute Toxicity	(OPPTS 850.1075)
Avian Acute Oral Toxicity	(OPPTS 850.2100)
Avian Dietary Toxicity	(OPPTS 850.2200)
Seeding Emergence	(OPPTS 850.4100)
Vegetative Vigor	(OPPTS 850.4150)
Nontarget Insect Testing	(OPPTS 880.4350)

Registrant's Justification

Bull Run Fly Attractant is to be packaged in units with net weights of 0.51, 1.45, 1.96, or 2.47 ounces. Assuming use of the largest units at the maximum label use rate of 48 traps/acre, the maximum environmental exposure to indole would be 0.0148 lbs/acre (given incorrectly as 0.148 lbs/acre in MRID 47396920):

$(48 \text{ traps/acre}) \times (2.47 \text{ oz attractant/trap}) \times (0.2 \text{ oz indole/100 oz attractant}) = 0.237 \text{ oz indole/acre}$

$(0.237 \text{ oz indole/acre}) \times (1 \text{ lb/16 oz}) = 0.0148 \text{ lb indole/acre.}$

In field tests to determine efficacy of Bull Run Fly Attractant (MRID 47396903), the contents of traps deployed for 3 to 31 days were examined and revealed no evidence of nontarget organisms, including honeybees or other beneficial insects, being attracted to the traps.

Indole is a naturally-occurring substance, and is not anticipated to accumulate in the environment.

There is no reason to believe that the use of indole in Bull Run Fly Attractant would have an adverse effect on any nontarget or endangered species. *this is too general.*

Reviewer's Comments

The reviewer believes that the information submitted is sufficient to support the requested waiver for Nontarget Insect Testing. The registrant needs to more specifically address why waivers should be granted for Aquatic Invertebrate Acute Toxicity, Fish Acute Toxicity, Avian Acute Oral Toxicity, Avian Dietary Toxicity, Seeding Emergence, and Vegetative Vigor. *}*

These studies have not been addressed.